

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-16. Cancelled.

17. (Currently Amended) Cosmetic or dermatologic formulation, comprising with an oxygen carrier system at 6-10% by weight of the formulation, which wherein the carrier system comprises, as a percentage of the carrier system: a liquid perfluorinated or partially fluorinated hydrocarbon or hydrocarbon mixture with a moiety of 0.1 – 10% by weight, a liquid silicone polymer or silicone polymer mixture with a moiety of 10 – 85% by weight and an oil or water base with a moiety of 5 – 25% by weight, ~~with all weight percentages being related to the total weight of the carrier system, and the oxygen carrier system is present in the formulation with a moiety of 6-10% by weight, related to the overall weight of the formulation,~~ and the carrier system being loaded with gaseous oxygen at a partial pressure of 250-400 mbar O₂.

18. (Previously Amended) Formulation according to Claim 17, wherein the carrier system is loaded with an oxygen content of 25 – 40% by volume of the initial oxygen content, as measured at a time four weeks after an initial loading.

19. (Previously Amended) Formulation according to Claim 17, wherein the carrier system contains tocopherol or a tocopherol derivative with a moiety of 0.01 - 1.5% by weight, wherein the tocopherol derivative is selected from the group consisting of tocopheryl acetate, tocopheryl succinate, tocopheryl propionate, tocopheryl oleate, tocopheryl linolate, tocopheryl, tocopheryl palmitate, tocopheryl sorbate mixtures thereof and mixtures thereof with tocopherol.

20. (Previously Presented) Formulation according to Claim 17, wherein the moiety of the liquid silicone polymer ranges from 15 – 35% by weight.

21. (Previously Presented) Formulation according to Claim 17, wherein the carrier system contains at least a gelling or thickening agent or a mixture thereof.

22. (Previously Presented) Formulation according to Claim 17, wherein the oil base of the carrier system is a vegetable oil, an ester or mixture thereof.

23. (Previously Presented) Formulation according to Claim 17, wherein the oxygen carrier is perfluorodecaline.

24. (Previously Presented) Formulation according to Claim 17, wherein the moiety of the perfluorinated hydrocarbon or hydrocarbon mixture ranges from 1.5 – 6% by weight.

25. (cancelled)

26. (Previously Amended) Formulation according to Claim 17, wherein it contains as cosmetic formulation a silicone oil with a moiety of 6 – 35%.

27. (cancelled)

28. (cancelled)

29. (cancelled)

30. (Previously Amended) Formulation according to Claim 17, wherein a liquid silicone polymer has a moiety of 35 – 85% by weight.

31. (Previously Presented) The topical formulation according to Claim 30 wherein the topical formulation has the form of a cream, a lotion, a self-tanning agent, a sun protection formulation for use before, during and after the exposure to sun, of a mask, a gel, a spray.